

WNYRIC Standards Committee Meeting Minutes
August 8, 2012
11:00 a.m.-3:00 p.m.
Erie 1 BOCES (Ed Campus Room A-2)

In Attendance:

Jill Holbrook (WNYRIC-Chair)	Rick Mardino (Erie 1 BOCES)
Dick Lydo (WNYRIC)	Chuck Marzec (Jamestown)
Bob Spino (Erie 2 BOCES)	Gail Tremblay (GST BOCES)
Jerry Dieg (Corning)	Vic Ozogar (WNYRIC)
Terry Caleb (WNYRIC)	Martin Wende (Kenton)
Mike Murphy (Forestville)	David Brace (WNYRIC)
Mike Taylor (WNYRIC)	Mike Birmingham (Bath CSD)
Chris Smith (Bath CSD)	Dave Steven (CA BOCES)
Ron Lavere (Cheektowaga)	Tom Robinson (WNYRIC Consultant)
Mat Dziuba (WNYRIC)	Valerie Winegarden (minutes)

Jill Holbrook called meeting to order at 11:05 a.m.

Joe Hickey and Kyle McMinn of Hewlett Packard did presentation on Networking, server storage, and blades.

- They offer lifetime warranty; products use low power & cooling and include software releases.
- They reviewed the layout of switches and wireless.
- Currently service several RICs, BOCES and school districts across the regions.
- Offered to supply switches that could be tested or demoed.
- Copy of PowerPoint presentation will be posted in the Wiki for additional information.

Tom Robinson (Avaya Consultant) did demo of Wireless Site Survey product called Ekehau.

- The sample presentation is posted in the wiki.
- Provides overview of signal strength, capacity check, network health, measures signal strength and can be used as a planning tool.

1. **Approval of the May 9, 2012 meeting minutes**- Jill asked if there were any questions or concerns from the meeting minutes from May 9, 2012. There were none. Bob Spino made the motion to accept meeting minutes and it was seconded by Dave Stevens. The motion passed unanimously.

2. **Future meeting dates/locations:**

- November 14, 2012 (via DL)
- February 13, 2013 (via DL)
- May 8, 2012 (via DL)

3. **Membership updates**

- Jerry Dieg (Corning) has joined the committee as a GST representative
- Marty Wende (Kenton) has accepted the open position for Erie 1 representative
- No replacement yet for the open ON BOCES representative

Jill reviewed the WNYRIC Standards Committee Charter. Please continue to share the draft meeting minutes in your regions.

4. Category Review Dates for 2012-2013:

1. Computers – November 2012
2. Communications Equipment – August 2012
3. Internet Browsers – February 2013
4. NIC Cards – February 2013
5. Operating Systems – November 2012
6. Plotters – February 2013
7. Printers – August 2012
8. Scanners – May 2013
9. Servers (Standard) – November 2012
10. Servers (SAN) – November 2012
11. Software – November 2012
12. Server Back Up – November 2012
13. Virtualization – May 2013
14. VoIP – November 2012
15. Video Conferencing-May 2013
16. Network Optimization May 2013
17. Tablet Devices-May 2013

5. Technology equipment purchase procedure update

- Jim Fregelette will be sending communication to Business Officials regarding additional signature requirements on hardware purchases that has a higher cost than a product with similar specs on Standards.
- These changes were requested by the comptroller's office.
- The committee had a concern that this may hold up purchase orders process. Jill will let Jim know the committee's concern.

6. PARCC network recommendations

- PARCC document posted in the wiki with very specific guidelines in regards to minimum hardware, devices, security considerations, bandwidth recommendations, testing platform software, input devices (keyboard, mouse and other accessories) and a timeline table as of April 2012.
- Carol Barber will continue to share information as it becomes available via the PARCC listserv.

7. PARCC online readiness process with network detail

- Posted in the wiki is information released from the PARCC consortia. You will see the categories of information the readiness tool will gather.
- Mat Dziuba sent detail of current bandwidth utilization to the PARCC listserv.
- WNYRIC staff will keep you posted on the pilot and any guidance released from NYSED.

8. Touch screen drivers

- Microsoft rep said that Windows 8 will have same experience no matter what device you are running. Some newer machines with Windows 8 also may have a touchscreen driver. Jill asked Mike Taylor to verify what models on aggregate bid list that have touchscreen capability:

Laptops:

HP 276P

Dell Vostro 3550

Dell Latitude XT3

Lenovo Thinkpad X230 Tablet

Desktops:

HP Touchsmart 7320

HP Touchsmart 9300

Acer VZ431G All on One

Acer AZ3731

9. **Active Directory Best Practices**

- AD Best Practices document is posted in the wiki and has been shared with districts that could be used as a template.
- The WNYRIC worked collaboratively with other RICs in creating this document.
- AD does have ubiquitous connection to other products (wireless and other applications) and can be used as a primary source.

10. **Mobile Device Management discussion**

- The WNYRIC IT Leaders Briefing for Mobile Learning Devices was revised on July 30, 2012 and is posted on the wiki.
- Jill expressed that it's imperative that districts develop strong policies for BYOD and MDM. Policy Services (Janell Hallgren) can provide sample policies.
- The committee provided the following information what districts are working on or utilizing for mobile device management (iPads/tablets):
 - Creating policies
 - A guest network for mobile devices
 - Meru Wireless
 - Apple Configurator-MDM on MAC server
 - Connecting to NetStorage
 - Assigning guest accounts for teacher/students
 - Airwatch
 - McAfee Enterprise Mobility Management
 - Amer Networks (cloud based access points)
 - Notify
 - Exchange to push policies
 - Setting up iTunes accounts
 - One to one utilizing iPads for 2 grade levels
 - District based email and iTunes accounts
 - Orchard Park is piloting JAMF
 - Salamanca piloting Notify on premise (policy push of the wireless)
- Apple requested that districts notify them when rolling many (over 100) iPads at one time since they utilize a fraud alert system.

11. **VPN/firewall discussion**

- District firewalls are being upgraded through December using Checkpoint appliance. It will tie to the districts directory structure to allow everyone VPN access based on the Active Directory structure (AD, Novell, Exchange).
- The WNYRIC will discontinue centralized VPN access. VPN access is more effective when linked to AD structure. The LAN/WAN Senior engineers will be assisting with the configuration.

12. **External wireless bridge**

- Received two add forms from Alfred Almond for LigoWave and Ubiquiti Point to Point Wireless Bridge and antenna.
- Since the committee has not received information on any district pilots for this particular Wireless Bridge it was tabled to have Alfred Almond conduct a pilot and report back to Standards Committee. Jill will ask Kyle Lyon to speak at the next meeting about the product.
Bob Spino made a motion for Alfred Almond to pilot the above mentioned Wireless Bridge; the motion was seconded by Mike Murphy and the motion carried unanimously.

13. **Add Form from Chris Smith (Bath CSD) for Acer Aspire Netbook**

- Bath was looking for replacement for Lenovo netbooks
- Price and warranty were considered and pilot was completed
- District did look at other products as well
- Gartner and InfoTech rate them well

Bob Spino made a motion to add Acer to category 1. Computers; Mike Murphy seconded the motion and the motion carried unanimously.

14. **Add Form Request from Richard Mancuso (Clarence) for Aruba Wireless Access Points**

- Mat provided a Gartner Analysis report of Aruba and Alcatel Lucent. It is posted in the wiki. The list provides strengths and cautions.
- Buffalo had success with Aruba and felt it was very robust
- It is easy to manage with minimal training required and is cost effective.

Mike Murphy made a motion to add Aruba under sub category Wireless Access Points under Category 2. Communications Equipment; the motion was seconded by Bob Spino and the motion carried unanimously.

15. WNYRIC Standards Category review:

- 2. Communications Equipment-no other changes
- 7. Printers-no changes
- 10. Servers (SAN)-no changes
 - The WNYRIC Service Desk investigate if Vitec could offer coupons for Equallogic equipment

16. **R&D discussion (Mat Dziuba)-IPV6**

- Mat reviewed a PowerPoint presentation (posted in the wiki) on IPV6
- Its replacement for IPV4, the IP of TCP/IP
- Sits at the Layer 3 level of the OSI model
- Virtually unlimited address support
- Solves issues of DHCP
- IPV6 becoming more prevalent and the protocol
- May need to invest in switch and routing infrastructure but many districts are positioned well
- Firewalls and Content Filtering are ready

Rick Mardino made the motion to adjourn at 3:07 p.m.; Chuck Marzec seconded the motion.

Respectfully submitted: Valerie Winegarden